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ADMINISTRATION REPORT
OF THE
GOVERNMENT MUSEUM, MADRAS
THE NATIONAL ART GALLERY, MADRAS
THE GOVERNMENT MUSEUM, PUDUKKOTTAI
AND
THE CONNEMARA PUBLIC LIBRARY
(Exchange section), MADRAS

FOR THE YEAR
1972-73

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GOVERNMENT OF TAMIL NADU
1974

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1974

ADMINISTRATION REPORT FOR 1972–73.

GOVERNMENT MUSEUM, MADRAS-8.

GENERAL.

Distinguished visitors.—The following were the distinguished visitors who visited the Government Museum and the National Art Gallery, Madras during the year under report:—

1. Mrs. R. Hehne, Sculptor from the German Democratic Republic.
2. A delegation from Turkmenistan consisting of Honourable Mrs. Bibi Palvanova, Minister for Education and Mr. O. Meredov, Dean of Foreign Languages, Faculty of the Turkmen University.
3. Members of the Study Group II of the Parliamentary Committee on the Welfare of Scheduled Castes and Scheduled Tribes.
4. Goa Press Party.
5. Dr. (Mrs.) Regina Kopackova, National Gallery, Prague, Czeckoslovakia.
6. Russian Dance Troupe.
7. Mr Gaffur, Director of Archaeology, Bangaladesh.
8. Madame Skidalskaya from U.S.S.R.
9. Mr. Petre Bodent of Romania, Ensembles of popular dancing.
10. Mr. P. I. Bondarenko, Sculptor from U.S.S.R.
11. Dr. Jan Krzystof Makulski, Director, National Ethnography Museum, Poland.
12. Mr. Gabriele Sowicka Sciepuro, Curator, Museum of Eastern Art in Torun, Poland.
13. Mr. A. Demaguol, France.
14. Dr. Andrew Nagi, Hungary.
15. Dr. G. N. Greenliagh, U. K.
16. Thiru Kasturbbai Lalbbai Shabileceerg, Ahmedabad.
17. Mr. Richard S. Lamier, JDR 3rd Fund, New York.
18. Dr. W. G. Archer, Head of the Indian Section, Victoria and Albert Museum, London.
19. Dr. Ivan Borsa, Deputy Director General, National Archives of Hungery.
20. Mrs. & Mr. Lylon, Chairman, I.C.I., London.

The Director of Museums convened the meetings of the Special Committee of Experts appointed by Government (*vide* G.O. No. 598, Education, dated 6th May 1972), to examine the bronze images from the Sivapuram temple at the office of the Inspector-General of Police, Madras (in order to furnish the Police with expert opinion in the investigation of the case relating to the theft of the original bronze images from the Sivapuram temple) from 26th to 29th June 1972.

The Director of Museums inspected the Government Museum, Pudukkottai, from 5th to 13th July 1972 (both days inclusive) and submitted his Inspection Report to Government in his letter No. 2830/72A-4, dated 14th July 1972. The Director made several suggestions for improvements and for rectifying defects in the Government Museum, Pudukkottai.

The Director contributed an article on " Youth and Museums " to the newly started Journal " Youth Age " at Pondicherry.

The Director delivered a lecture on the habits, ecology and distribution of South Indian species of Butterflies to the members of the Natural History Association of Sir Theagaraya College on 11th August 1972.

The Director participated in a symposium on " Human Ecology of the Pre and Proto-historic periods of Peninsular India " organized by the Archaeological Society of South India at the Museum on 27th August 1972, and presented a paper on " The Faunal Elements in the Life and Environment of Pre and Proto-historic Men in Peninsular India " at the symposium.

The Director of Museums was on leave for three months, studying the collections and procedures in the museums of the world in general and of the United States of America in particular under a Fellowship granted by the John D. Rockfeller 3rd Fund, New York. He prepared a report on his study tour and submitted a copy of the same to Government.

Proposals were framed for the Fifth Plan period and estimates of their costs were prepared and submitted to the State and Central Governments.

The Director contributed an article entitled " Glimpses into European and American Museums " to the Journal ' *Youth Age* '.

The Director completed the revision of the typescript of his Bulletin on the Echinoderms in the collection of the Madras Museum in the light of his recent studies of the Echinoderm collections in the Smithsonian Institution, Washington D.C.

The Director continued his studies no the eggs and nidification of the South Indian birds, with a view to preparing a comprehensive descriptive catalogue of the eggs collection in the Museum.

EDUCATIONAL SERVICES.

Special exhibitions.—The special exhibition " Man Records " was organized and kept open to the public from March 30 to April 30, 1972. A special exhibition on " Cooum Crocodile " and another on " Plastic Embedded and Plastic Infiltered Biological Specimens " were organized by the Zoology Section from May to August 1972 and from September to October 1972 respectively. The Museum organized jointly with the Department of Archaeology and the Department of Education of the Secretariat of the Government of Tamil Nadu the Soviet Photographic Exhibition in the Local Library Authority Buildings from October 20 to November 10, 1972. A special exhibition on " Meteriorites " was arranged by the Geology Section in January 1973. A thematic exhibition of " Portraits of Freedom Fighters " was arranged from February 15 to March 13, 1973. It was inaugurated by Honourable Justice Thiru M. M. Ismail, Judge of High Court, Madras.

Film shows.—The following educational film shows were arranged for the benefit of the students and the public during the period under report:—

Date.	*Film.*
(1)	(2)
18th April 1972..	1 The German Museum at Munich. 2 A Temple on the Move.
23rd May 1972	1 The Gardens of Japan. 2 Archi ecture of Japan. 3 Isum Booshi.
20th June 1972	1 Silent Sentinals. 2 Galileeo. 3 Colour and Clay. 4 How to make and use a Diorama. 5 Microscopic Fungi.

Date.	*Film.*
(1)	(2)
18th July 1972	1 Here comes the circus. 2 Million in a bag.
22nd August 1972	1 Dr. Jakir Hussain. 2 Emergence of Gandhiji. 3 World on show. 4 Glimpses of India.
13th September 1972	1 India Liberated. 2 Banyan Deer. 3 The Boy from the River Bank. 4 World Tamil Conference.
28th September 1972	1 Sathiyavan Savithri. 2 Keddah operation. 3 Sugar Doll.
18th October 1972	1 Anna Irukinrar. 2 Open sesame. 3 Gandhi Centenary Bulletin. 4 Lokamanya Tilak.
21st November 1972	1 Man on the Moon. 2 Face of the earth. 3 Cliff Hangers. 4 Something you didn't eat. 5 Eskimo.
19th December 1972	1 School Life in Japan. 2 Schooling for Progress. 3 Children at Play. 4 University in Japan.
28th February 1973	1 Ancient Egypt. 2 Animals Protect themselves. 3 Face of the earth. 4 Flowers for the Japanese. 5 Eskimo Children.
20th March 1973	Kappalottiya Tamilan.

Lectures and other programmes.—The monthly popular lecture was delivered on "know your coins" by Thiru N. Shankaranarayana, Curator, Numismatic Section on 24th July 1972.

In connection with the celebrations of the Silver Jubilee of the Independence, the following programmes were arranged :—

A Leather Puppet show demonstration was arranged on "Hanuman's Search for Sita" on August 16, 1972. This show was conducted by Tmt. Seethalakshmi and party. It was directed by Acharya M. V. Ramanamurthy, Scientist (Puppetry), Central Leather Research Institute, Madras. Thiru Akilon, All-India Radio, Madras, presided.

A lecture on "Tortoises and Turtles" was delivered by Thiru G. Kesavaram, Curator, Zoology Section on August 23rd, 1972. Dr. A. Daniel, Officer-in-charge, Southern Regional Station, Zoological Survey of India, Madras, presided.

A cultural programme in which students of six local schools and colleges participated was organized on August 25, 1972. Thiru K. Gopalan, Deputy Director of School Education, presided.

A symposium on "Care of Books and Manuscripts" was organized on September 25, 1972. Dr S. Paramasivan, formerly of the Archaeological Survey of India, presided.

Special Gallery Talk, Demonstration and film show were arranged for school students on specific topics from 21st to 31st October 1972.

A talk by Dr. (Mrs.) Regina Kopackova, Deputy Curator, Non-European Arts Section, National Gallery, Prague on " Museums in Czechoslovakia " was arranged on November 23, 1972.

A " Guide to the Bronze Gallery " by Thiru V. N. Srinivasa Desikan, Curator, Archaeology Section was published and released for sale at a function arranged on December 13, 1972.

A Lecture on " American and European Museums " was delivered by Dr. S. T. Satyamurti, Director of Museums on January 9, 1973. Professor T. Balakrishna Nair, presided.

A demonstration of Ancient Indian Musical Instruments by Sangeetha Yanthra Nirmana Praveena Thiru M. R. Balakrishna Naidu was organized on January 18, 1973. Professor P. Sambamoorthy, presided. Thiru M. Anantanarayanan, former Chief Justice, Tamil Nadu High Court, inaugurated it.

A lecture on " Pallava Bronzes " was delivered by Thiru V. N. Srinivasa Desikan, Curator, Archaeology Section on February 26, 1973. Dr. T. V. Mahalingam, presided.

Thiru V. O. Chindambaram Pillai Day was celebrated on March 20, 1973. Poet and Playwright Thiru S. D. Sundaram, Secretary, Tamil Nadu Sangita Nataga Sangam, presided. Professor Dr. N. Sanjivi, Head of the Tamil Department, University of Madras addressed the gathering. At the end, the film " Kappalotiya Tamilan " was screened.

A lecture on " Fibres " was delivered by Thiru A. G. Adikesavan, Curator, Botany Section on March 26, 1973.

Miscellaneous.—Films were lent to schools and colleges from the Film Library. The half-yearly news letter Nos. 15 and 16 were brought out. The required particulars and photo-negatives were supplied to the office of the Tamil Arasu so as to bring out a special issue of " Tamil Arasu " in January 1973 on Museum. Programmes were arranged and the visits of Dr. (Tmt.) Regina Kopackova, Deputy Curator, Non-European Art Section, National Gallery, Prague and Thiru W. G. Archer, Head of the Indian Section, Victoria and Albert Museum, London were conducted. Gallery talk and demonstration were arranged for a number of schools during the period under report. Sale of miniature bronze replicas, electroplated metal casts of coins, picture post cards, photographs and photographic albums were continued. Teachers demonstration was arranged for a number of schools during the period under report. Objects of this museum were loaned to schools and other institutions for exhibition purpose during the period under report. Facilities were afforded to the Department of " Arcaeology in preparing a documentary film on " The Art of Tamil Nadu ". Thiru S. Thangavelu, Education Officer has undergone a training in Museology conducted by the National Museum, New Delhi from 1st January to 11th February 1973.

Plans for 1973-74.—It is hoped to intensify the educational activities as follows :—

1. Programmes of regular guided school visits with special emphasis on particular topics related to the school syllabus and illustrated with film shows and slide lectures, if possible (once a week).

2. Monthly film shows and popular lectures.

3. Sectional special exhibitions (once in two months).

4. Two thematic special exhibitions.

5. One symposium or seminar.

6. Child Art Competition and Exhibition.

7. Planning for the Museum Technique course in the summer of 1973.

8. Building up a loan series and launching a scheme for loan of simple, portable exhibits and paintings

9. Publication of Half-yearly Newsletters.

10. Publication of a new journal, the Museum Journal as an Annual.

11. Conducting a refresher course for tourist guides.

12. Procuring some more films for the Film Library.

ZOOLOGY

Additions to collections (including reserve).—The Painted Bat (*Kerivoula Picta*), skin of Grizzled Indian Squirrel (*Ratufa macrura dandolena*), the skin of Flying squirrel (*Petaurista philippensis*), the skin of Macaw Parrot (*Ara sp*), the skin of Sambar (*Rusa unicolor nigra*), the skin of Porcupine (*Hystrix indica*) and the skin of *Mugger* or *Marsh* crocodile (Juvenile) (*Crocodilus palustris*), were added to the collections.

Work in the galleries—General Galleries.—After the special exhibition of Coovum Crocodile, the show case was transferred to the Flight-in-Animals Gallery and the vulture specimen illustrating the structure of the wings was re-exhibited inside that case. The provision of new labels, made of plastic letters mounted on varnished wooden background teakphace plywood sheets was taken up and completed for the show cases in the Foreign Animals Gallery. The large skeletons of Baleen whale, young elephant and the horse and man were thoroughly cleaned, renovated and re-exhibited in the skeleton gallery.

Invertebrate Galleries.—About seventy shell specimens along with their background wooden planks were renovated, provided with fresh labels written in black and white paint and they were re-exhibited. The dry-preserved crab specimens exhibited inside one of the sloping cases were provided with newly prepared and varnished wooden pedestals, and were re-exhibited after mounting them properly. The specimen of *Thenus orientalis* which was found detached inside the rectangular jar was remounted by using nylon thread and the specimen jar was re-exhibited after renovation. Two wall-cases in the Invertebrate gallery and one sloping-case in the Coral Gallery were repainted and the specimens were re-arranged.

Fishes and Amphibians Galleries.—The otolith specimens mounted on a black background plank were renovated and re-exhibited in the Fish gallery. The show case containing the small painted plaster cast of a sawfish was repainted with suitable shade of blue colour. The old specimen of Tiger shark which fell down from the wall in the Fish gallery was renovated and refixed to the original position. The old and discoloured Indian Ink sketch illustrating the visceral organs of a frog was replaced by a colour drawing in the Amphibian Gallery.

Reptiles Gallery.—The Crocodile specimen captured from the Coovum river, after it was withdrawn from the special exhibition, was mounted and fixed on to the wall by the side of the other Crocodile specimens. The wooden picture frame containing the enlarged photograph illustrating the fangs of viper was treated with insecticide and refixed, as some white ants were noticed just at the bottom of that frame. The white background for the specimen jar containing the faded specimen of American Rattlesnake was changed to black and re-exhibited.

Birds Galleries.—The old and discoloured specimen of Sarus crane was replaced by a newly prepared and mounted one in the modernised Birds gallery. The two large mural paintings fixed on to the wall which were affected by white ants were renovated and re-fixed to their respective original positions on the wall, leaving sufficient space between the wall and the back-surface of those paintings. Painted sign boards and labels with common names of birds were provided in the New Birds Gallery.

Mammals Gallery.—A stuffed and mounted specimen of juvenile Tiger was added and exhibited inside a new show-case. One of the old and discoloured specimens of painted Bat was replaced by a fresh dry-preserved specimen and exhibited. The old and discoloured specimen of the skull of Porcupine was renovated and re-exhibited. All the preserved Mammal specimens exhibited inside the Cat-family show-case were renovated and re-exhibited. The plastic cut out letters mounted on varnished teak phase background plywood strips were provided replacing the old and discoloured painted labels in the gallery.

In addition to the above the usual routine items of work such as re-filling the specimen jars in the study collections and the galleries, replacement of broken glass-panes with good ones, replacement of old and discoloured labels with newly printed or painted ones, replacement of old and discoloured maps and illustrations with newly prepared ones drawn in Indian ink and poster colours, replacement of burnt out tube lights and other lamps with newones inside the show cases in different galleries,

dusting and cleaning of interior of the show cases and almirahs, periodical provision of insecticides to the show cases in galleries and study collection almirahs maintained in the section, providing fresh paperlinings replacing the old and discoloured ones to background of the different insect drawers kept inside the large wooden cabinets in the section, etc., were attended to during the year under report.

Facilities rendered to research workers and others.—Classes in preservatory methods, both lectures and practicals, were conducted to the participants of the Summer Institutes in Biology at Sir Theagaraya College, Madras-21, on 10th and 11th May 1972. A short term training course in Taxidermy was conducted to the attenders from different colleges and other institutions for a period of about fifteen days, i.e., from 15th to 31st May 1972. Dr. A. Daniel and his staff from the Zoological Survey of India, Southern Regional Branch Office, Madras-4, were afforded facilities in connection with the identification of Gorgonian (sea-fans) specimens collected by them at different places. Facilities were afforded to two students, Selvi. A. Meena and Selvi R. Vasanthi of Ethiraj College in connection with the National Science Talent Examination for which they would be appearing during May 1973. One complete well preserved skin of Indian giant squirrel was transferred to Government Museum, Pudukkottai. A set of preserved specimens mounted inside the exhibition boxes were lent on loan to Usha English Higher Secondary School, Alandur, in connection with a Science Exhibition arranged on 30th and 31st March 1973.

Research and Publications.—The research work on the preparation of plastic-embedded and plastic-infiltered specimens of Cobra snakes by using synthetic resin along with the accessories made in India, was taken up, continued and completed during the year under report. Photographing the different species of grasshopper specimens available in this Museum collections for research was completed.

Plans for the year 1973–74.—Exhibiting the Plastic Biological Relief Models inside flat wall cases and the specimen of the South African Baboon (received from the Madras Corporation Zoo) are proposed to be arranged. At least two portable cases for the loan of shells, corals, etc., to schools will be constructed. Collection trips will be undertaken by the Curator for collecting fresh specimens of Birds, Insects and Marine Biological Specimens, Curator's Bulletin on Acridiidae will be printed. Preparation of an illustrated monograph on the Decapod Crustacco (Brachyura) will be taken up by the curator.

BOTANY

Additions to the collections (including reserve).—One specimen of paper cutter, carved of sandal-wood, was purchased and added. Two colour charts of *Cassia fistula* and *Datura fastuosa* and one black-and-white chart of coffee cultivation were prepared afresh. One bracket fungus collected in the Museum compound was added to the collections.

Improvements to the galleries.—The presentation of three photographic exhibits of Estuarine Forests, Mangrove forests and *Avicennia afficinalis* was improved in the Ecology gallery. Eighteen old wooden knobs of harbarium drawers in the Gallery were replaced with metallic ones. Two exhibits of wet specimens of mosses were renovated and one herbarium exhibit of *Cynoglossum sp.* was remounted. A small weather damage on exhibit of " Timber distribution Map of the Madras Presidency " was repaired. The model of the bee in the cross-plination exhibit was found slightly damaged by an attempted theft, and was repaired.

Labelling and preservation.—One hundred and twelve fluid-preserved specimens were renovated. The two mural paintings in the Systematic Botany gallery were given a protective coating. Forty-two bilingual individual labels were printed for the various specimens. Five hundred and eighty-one old pieces of textile-printing blocks, were numbered.

Research and publications.—The Bulletin on " Wild Ferns of Madras City and its immediate Neighbhourhood " by Thiru M. S. Chandrasekhar, was received from the press and released for sale. An article on Monuments and their vegetable Enemies was contributed by Thiru M. S. Chandrasekhar to the Damalika. The Guide to Economic Products gallery by Thiru A. G. Adikesavan, was made press ready.

Additions made to the Sectional Library were.—" The Wild Ferns of Madras City and its immediate Neighbourhood " by Thiru M. S. Chandrasekhar New series Natural History Section Vol. VIII No. 1, 1972, and *The Woods and Flora of the Florida keys*: Pinnatae No. 5 and *Journal of South African Botany* supplementry volume 8, April 1972.

Facilities to research workers and others.—Facilities were afforded as usual to research workers and others, the Chief beneficiaries being Thiru C. N. Vaidheeswaran, Director, Kuzhandai Illam, Pollachi, Thiru V. Margabandu Rao, former Deputy Director of Food, Government of India, Thiru A. Aiyappan, Former Vice-Chancellor of the Kerala University and Stella Maris College, Madras.

Plans for 1973-74.—Collection of specimens for filling up gaps in the series and for replacing the older ones, will be attended to. Renewal of discoloured and faded drawings and diagrams in the galleries (both Systematic Botany and Economic Botany) to be continued and completed. Efforts will be pursued to exhibit the plastic relief models; to replace the wooden knob of the harbarium-drawers with metallic ones, to modernize the central part of the Economic Products gallery; to modernize the show cases for South Indian timbers; and to organize phytoecology and Morphology series in the galleries. Guide book will be printed for the Economic Products Gallery and for the " plant communities ".

GEOLOGY.

Additions to the collections (including reserve).—A specimen of pale pink flexible sandstone received as a gift from Thiru Laxmi M. Modi and the specimens of beryl, grey pebble and triangular pebble received as presents from Selvi Corall Dunhill were added to the collections.

Improvements to the galleries.—A multi-coloured panel illustrating the Geological Time Scale was painted and exhibited in the gallery. Another multi-coloured panel was being painted to illustrate the igneous activity during the various geological periods. The interior of seven sloping cases on the mezzanine floor which were stained by rain water, giving them a patchy appearance, were painted and the exhibits pertaining to them were re-exhibited. Twenty-four metres of knadi curtain cloth were purchased for replacing some of the blinds in the gallery.

Labelling and preservation.—The English labels for the Giant Ammonite specimen and the cubical Rock Salt specimens were repainted with Tamil equivalents and refixed in the gallery. Seven labels for the economic geology specimens on the mezzanine floor were renewed. Forty-nine rock specimens exhibited in the gallery were cleaned with chemicals in order to repaint fresh numbers on them. Accession numbers were painted on four specimens. A rock-salt specimen pertaining to " Fertilizers " was under preservation.

Research.—Eleven specimens in the study collections were identified.

Facilities to research workers and others.—Four specimens given by the Curator for Anthropology were identified and returned to him. Other beneficieries included Dr. Dan Grigoresen from the University of Bucharest, Romania; Selvi Shama Iqbal, a student of Museology, Thiru Hifazath Ali, Teacher Educator, New Science Orientation in service course, Muslim Training School, Madras, and a group of primary school teachers in the city.

Some of the rock and mineral specimens in the reserve collection were loaned to Ganeshbai Galada Jain Girls' High School, Madras and to Sri Ramakrishna Boys High School, Madras, for arranging exhibitions in their respective schools.

Tours.—The Curator undertook a tour to the Government Museum, Pudukkottai and reidentified, reclassified and rearranged the geological exhibits there (excluding fossils).

General.—The Curator attended the Tenth All-India Museums Camp held at Bangalore from 1st January 1973 to 10th January 1973. He held also additional charge of the Chemical Conservation Section from 1st May 1972 to 4th June 1972.

Plans for 1973–74.—Fluorescent tube lights will be provided for the Economic Geology Gallery on the mexxanine uoor. The interiors of some more rain-stained sloping cases on the mezzanine floor will be painted. A multi-coloured panel illustrating the igneous activity during the various geological period will be prepared and exhibited in the gallery. The hand-written labels for rocks will be replaced by printed ones.

ANTHROPOLOGY

Additions to the collections (including reserve).—The materials added to the collection were two skull casts of an adult and a child from Mount Carmel, on exchange from the Director, Palaeontological Research Laboratory, North Caronina, U.S.A., a granite pestle and a mortar, as treasure trove items from Kayamoli village, Tiruchendur taluk, Tirunelveli district, four pieces of cannon as treasure trove from Elayirampannai village, Sattur taluk, Ramanathapuram district, eleven pieces of gold talis, neckbands and a brass vessel, as treasure trove from Paganatham village, Karur taluk, Tiruchirappalli district.

Work in the galleries.—Mosaic tiles were fixed for the floor in the Kathakali gallery. The base of the case containing the Kathakali figures was repainted. The pedestal of the Gadaba model was repainted. All the labels for the exhibits in the Physical Anthropology gallery were reprinted. About 150 labels were reprinted for the exhibits in the Bodaba, Muduga, Chenchu, Kadar, Saora, Koya, Fishing Appliances, Assam Tribes and Lambadi cases. The Meriah sacrifice post was provided with a new wooden labels.

The newly printed and framed labels were provided to the exhibits in the renovated Arms Gallery. A printed descriptive label for the "Manila Trophy" exhibit was framed. Eight new curtains were provided to the windows of the Arms Gallery.

Printed and bound labels were provided to exhibits in the Pre-history gallery. The background in the show cases displaying the Arikamedu beads, Bronze bells and microliths in the Pre-history gallery were renewed. Mosaic chips were provided to the walls of the two porticos in the Front Building.

The base of the case containing the Panchamukha Vadyam was repainted. Five new curtains were provided to the windows of the Musical Instruments Gallery.

Preservation of objects.—Sixty-three ethnographic objects, seven musical instruments and an item of Arms were chemically treated and preserved.

Lectures and training.—The Curator who was also the part-time lecturer in the University of Madras delivered twelve lectures on the Material culture and Pre-historic Archaeology to the Certificate and Diploma students in Anthropology, University of Madras. The practical examination was conducted in the Museum for the Diploma students in Anthropology. The Curator continued as an Examiner and Member in the Board of Examinations for Anthropology at Madras University. A gallery talk was delivered by the Curator to a batch of students of 1st year B.A., Department of Psychology, Presidency College, Madras. The newly appointed guide, Selvi Shanthi was given training in Anthropology. The Curator delivered nine lectures on Arms and jewelleries to three batches of customs officials on Antiquities. The Curator and the Assistant Curator attended the seminars on the "Modernities in Tamil literature" and "Musical Orchestra" respectively organised by the Institute of Traditional cultures, Madras.

Research.—The bulletins "The Puppets" by Thiru N. Devasahayam, and "The Excavations at Kilpauk Panunda and Sankavaram" by Thiru M. D. Raghavan and Thiru N. Devasahayam were under print at the Government Press, Madras and at the TANSI Press, Guindy, respectively. The printing of six colour picture post cards of the kathakali figures, was in progress at the Government Press, Madras. A set of six photographs of South Indian tribes was released for sale at the sales counter. The reprinting of the bulletins "The catalogue of the Musical Instruments", The Catalogue of the Foote's collections" and "Shri Vaishnava Brahmins" was taken up with the Government Press, Madras. "The Arms Catalogue" by the Curator and "The guide to the Mohenjadaro gallery" by the Assistant Curator were under preparation

Publications.—The following papers were contributed by the Curator, Thiru N. Devasahayam. A paper on the " Musical Instruments in the collection of the Madras Government Museum " to the First Conference of the International Association of Musical Instruments Collection, Horniman Museum, London; a paper on the " Primitive religion and megalithism in South India " to the International symposium on Prehistoric Religions, Valcamonica, Italy; a paper on the " Tribal Hill Cultivators " to the journal, " The Hill India " Vivekananda Kendra Patrika, Madras; a paper on the " Material evidences to support certain social customs in tribal marriages—in the collection of the Madras Government Museum " to the seminar on the " Patterns of Marriages in Tamil Society, Old and New " under the auspices of the Institute of Traditional Cultures, Madras. An article on the " Anthropology galleries " was published in the issue of Tamil Arasu, in January 1973.

Facilities rendered to research scholars and others.—Research facilities were afforded to Dr. Vadim, A. Ranov, Chief of Department, Archaeology and Numismatics, Institute of History, Dushanbe, U.S.S.R., Dr. Jan. Krzystof Makulski: Director, National Ethnography Museum, Poland, Dr. Larry D. Shinn, Professor, Oberlin college, Oberlin, U. S. A., Selvi Nanditha Jeganathan, Bombay., Thiru Mohamad Sheriff, Advocate, Salem, Madras. Thiru Tobias Schneedbaum, Art Department, New York University, U.S.A., Dr. K. F. Heinz Hunger, Lecturer for Sex Education, University of Minister, Germany., Selvi B. Walpole, Missonary, C.S.I. School, Sholinghur, Thiru P. P. Venkataraman, Tamil Pandit, Government High School, Kadathur, Dharmapuri., Selvi Shanta Gandhi, Director, National Children's Museum, New Delhi., Thiru I. Mahadevan, I.A.S., Nehru Scholar., Dr. Sachin Roy, Keeper (Anthropology), National Museum, New Delhi, Thiru Brian Morris, Student, London School of Economics., Selvi Ann Marie Vibero, Researcher in East Art, Gothemberg University, Sweden., Selvi Clare Taylor, Australia., Dr. Brenda F. F. Beck. (Senior fellow of the Shastri Indo-Candian Institute) University of British Columbia, Canada., Thiru Abdul Majid, Epigraphist, State Department of Archaeology, Madras and Thiru C. John, Research student, Deccan College, Poona.

Miscellaneous. - Twenty-seven books were added to the sectional library during the year. The Curator went on tour to Coimbatore, Tirukoilur and Ambasamudram and examined the treasure trove finds of ancient jewelleries., and to Adhichanallur and Sawyerpuram and studied the megalithic and microlithic sites. Tamil equivalents for the Anthropological terms were finalised in consultation with the Directorate of Tamil Development. Two prehistoric tools and eight photographs of South Indian tribes were loaned to Shri Ramakrishna High School, T. Nagar, Madras, for the school exhibition.

Plans for 1973–74.—Acquiring new show cases for the musical instruments and for the leather puppets gallery, will be revived. Remodelling three vertical show cases with single glass pane fronts in the Prehistory Gallery will be revived; acquiring a new show case for exhibiting the human skeleton will be expedited; acquiring the negatives from Tvl Klein and Peyerl will be expedited; providing mosaic slabs for the Ethnology and Physical Anthropology galleries is to be done. The printing of the Bulletin on Kilpauk excavations, Bulletin on Leather Puppets, Catalogue of Arms gallery exhibits, paper on Tali Rite by Thiru C. J. Jayadev, the printing of Kathakali Colour Picture post cards and printing of a guide to the Mohenjodarao gallery exhibits, the Catalogue of Musical instruments, the Bulletin on Shri Vaishnava Brahmins, the Catalogue of Bruce Foote's collections and Alexander Rea's Catalogue of Pre-historic Antiquities, will be expedited.

NUMISMATICS.

New additions to the collections.—Forty-two copper South Indian coins from Visamamangalam, Tirupattur, North Arcot District, one silver two anna, one silver quarter rupee and ten silver one rupee Victoria cons from Thippasandhiram village. Denkanikottah, Dharmapuri district, three silver coins of Willian IV and nine silver one rupee coins of Victoria from Singiripally, Krishnagiri taluk, Dharmapuri district, three hundred and forty-six silver punch marked coins from Vellanur, Kolathur taluk, Tiruchirappalli district and one copper Chola coin from Arumuganeri, Tiruchendur, Tirunelveli district were acquired as treasure trove.

One Philco set believed to have been used by Shri Netaji in his residence at Singapur presented by Thiru A. K. G. Ramaswamy, eight weights sent by the Deputy Inspector of Schools, Vridachalam for preservation in the Museum, Seventeen Ceylon Stamps presented by Thiru T. A. Fernando, one proof set of 1971 coins purchased from the Mint Master, Bombay and one Pakistan rupee presented by the jailer, Sub-Jail, poonamallee were acquired by the Museum.

Work done in the section.—Four hundred and eight coins received as treasure trove were examined, accessioned and brought into the stock. About three hundred Vijayanagar coins were examined for the proposed catalogue of Vijayanagara coins in the Government Museum, Madras.

Work done in the galleries.—Two descriptive labels for the historical documents exhibited in the gallery were renewed and twenty-two individual labels were provided for the plaster cast coins exhibited in the gallery. A new label " The Progress of Man " painted on plywood was provided for the stamps exhibited on a board.

Facilities rendered to research workers and others.—Prof. T. Balakrishnan Nayar was given facilities to consult sectional library books and study the coins. The Philatelic club of the Vivekananda College was inaugurated by the Curator of Numismatic section. The Curator identified coins for the Numismatic club of Vivekananda College.

Research and Publications.—The Curator completed the examination of 791 Vijayanagar coins. The Curator examined 346 Punch Marked coins and a research article on it, is under preparation.

Plans for 1973–74.—Enlarged photographs of observe and reverse of major representative types of Indian coins will be put up along with metal casts of coins with adequate descriptive labels with a view to organise a permanent Numismatic gallery in the upstair room of the Bronze gallery. A Catalogue of Vijayanagar coins prepared by the Curator will be published as a Museum Bulletin. A paper on Caliphate coins by Prof. Azmatullah will be printed as a Museum Bulletin. A Catalogue of Changam hoard of coins will be prepared by the Curator for publication as a Museum Bulletin.

ARCHAEOLOGY.

New additions.—One metal image of crawling Krishna from Avoor, Papanasam taluk, Thanjavur district, three metal images—Vishnu, Sri Devi and Durga—from Chettipalam, Tiruthuraipundi taluk, Thanjavur district, six metal figures—Somaskanda, Ganesa, Chandrasekhara, Ayyanar, Devi and Sulam—from Nangaimozhi, Tiruchendur taluk, Tirunelveli district, six metal figures—Nataraja, Umasahita, Devi, Balasubrahmanya, small image fitted on pedestal and lamp—from Kattakkudi, Mannargudi taluk, Thanjavur district and six metal figures—Hanuman, two pedestals in the shape of tortoise, two rectangular pedestals with prabha and one prabha—from Vengapattu, Arakonam taluk, North Arcot district, were acquired as treasure trove.

Six wood carvings—Ekapadamurti, Appar, Sambanda, Manikkavachakka, Krishna and Sarasvati—from Sri Kothavaleesvara Devasthanam, Koilur, Ramanathapuram district (through the Sivaganga Devasthanams), five stone sculptures—one unidentified figure, Yakshi, Kali and two frangments—from Customs House, Bombay and five wood carvings—Sarabhamurti, two Dvarapalakas, Sadasiva and an erotic scene from Sri Dandayuthapani Devasthanam, Palni, Madurai district were purchased and added.

Work in the section.—A sectional register for the inventory of tools, valuables, furniture, and M.T.T.C. was prepared. Assisted the Assistant Director of Museums for the physical verification of the above items and library books. Thirty-nine treasure trove objects received from the districts were examined.

Improvements to the Galleries.—Five terracotta figures were provided with pedestals, in the New Extension gallery.

Labelling and Presentation.—Two stone sculptures in the Jain gallery were given local treatment. One painting entitled Nataraja in the Picture gallery was given preservative treatment and re-displayed. Fifteen faded aluminium labels, each in the Hindu Sculpture Gallery and Amaravathi Gallery were replaced by printed labels. All faded labels in Amaravathi Gallery, Jain Gallery, New Buddhist Gallery and Metalware Gallery were renewed. The Nagarjunakonda models and the photographs were provided with newly printed labels, in the New Buddhist Gallery. Ten painted labels were replaced by newly painted ones in the Bronze Gallery.

Research and Publication.—The Curator prepared a guide to Bronze Gallery and it was printed at the Government Museum Press and released for sale. The Curator continued the work relating to guide to Metalware Gallery and catalogue of copper plate grants in Madras Museum.

Facilities rendered to research scholars and others.—The Curator conducted an orientation course, for fifteen customs Officials, in Archaeology. The newly appointed Guide (General Section) was given training in Archaeology Section. A batch of students from the School of Archaeology, New Delhi and from Tourist Department, Marathwada University, Aurangabad were given guided lectures on "Iconography" in the galleries.

The usual facilities were afforded to the researches and others, the chief beneficiaries being, Thiru Krishnaswamy, formerly of All-India Radio, New Delhi; Prof. Mylas Dillon, Advance Study Institute, Dublin; Thiru G. Desikan, Cuddalore; Selvi R. Vanaja, Deputy Keeper, National Museum, New Delhi; Thiru K. R. Srinivasan, Retired Deputy Director of Archaeology, Madras; Selvi Micale Coltofeau of United Kingdom; Thiru Stanley Che, University of California, Los Angels, U.S.A.; Selvi Anne Marie of U.S.A.; Thiru M A. Dhaky of the American Academy of Benaras, Varanasi; Selvi Nandita Jagannathan, Research Scholar, University of Bombay, Bombay; Dr. P. Banerjee, Assistant Director, National Museum, New Delhi; Thiru Michael Lockwood of Madras Christian College, Tambaram and Thiru P. R. Srinivasan, Superintending Epigraphist. Archaeological Survey of India, Mysore. The Museums' Branch of the Archaeological Survey of India, Calcutta, was given facilities for preparing cement casts of Amaravati sculptures. The Stella Maris College, Madras, The Ganeshbai Galada Girls' High School, Madras, The Ramakrishna High School (Main), T. Nagar, Madras and the Director of Archaeology, Government of Tamil Nadu were given facilities for conducting exhibitions by lending our exhibits. Facilities were given to the Director of Archaeology, Government of Tamil Nadu, for preparing a documentary film on "The Art of Tamil Nadu".

Tours.—The Curator, undertook tours to Tindivanam, Bombay, Karaikudi, Thanjvur, Arantangi, Chidambaram and Papanasam for examining treasure trove objects and art pieces.

Negatives.—Fourteen negatives (small film) were added to the collections.

Plan for 1973–74.—Masonite painted labels will be prepared for all the exhibits in the Bronze Gallery, Picture Gallery and Buddhist Antiquities Gallery. Provision of flourescent tube lights will be arranged for Wood Carvings Gallery. Panelling of the pith model centre cases by wooden planks will be completed. Acquisition of Tvl. Klein and Peyerl's negatives, through Thirumathi Buck will be expedited. Open air Sculpture Garden will be arranged within the barbed wire fence around Archaeology Shed and provision of painted labels for the sculptures. An original temple car will be acquired and a replica of a temple car will be acquired from Industries Department. Damaged modernized cases will be repaired in the Metalware Gallery.

Printing of the "Amaravati Mode of Sculptures" will be expedited. The revised "Catalogue of Copper plate grants", "Guide to the Metalware Gallery", and the "Catalogue of Jain bronzes in the Madras Museum" all by the Curator, will be completed and ready for the Press The printing of the monograph on "Pandyan Copper Plate grants" in the Museum by Thiru T. N. Subrahmanyam will be expedited.

NATIONAL ART GALLERY.

Work in the section.—The inventory of furniture in the National Art Gallery was prepared. Assisted the Assistant Director of Museums for his physical verification of furniture, etc.

Work in the galleries.—Plywood panelling was provided for one of the wall cases. All the labels in V. T. K. Cases and Sloping Cases were renewed. Background cloth was provided for the Rama group and Natesa group of images. Lining cloth was provided for the bottom in the above two cases. The painting entitled "Lady with Mirror" which was damaged was renovated and re-exhibited.

Plans for 1973–74.—Provision of neat, painted masonite labels for all exhibits, framing all unframed paintings inside the Sloping Cases by Sarala Art Centre, changing some of the paintings in the Modern Art Gallery and preparation of colour picture post cards will be expedited.

CHEMICAL CONSERVATION SECTION.

Conservation work.—One Ravi Varma painting "Lady with a Mirror" which had two tears in it (each about 8 inches long) was mended by the process of wax relining and restored. A painting of Nataraja on paper which was full of creases and signs of insect damage was strengthened with a backing of tissue paper. Three bronzes were electrolytically treated, freed of crusets and corrosion products and given a protective coating. Measures were taken to remove signs of bronze diseases on a few bronzes on display and to prevent further formation of corrosion patches. Ten Victoria coins (silver) and twelve panams (copper) were cleaned chemically and preserved. Forty-nine leather puppets, five musical instruments and seventeen other ethnological objects were treated suitably and preserved.

This year the Curator, went on tour to Srirangam and gave conservation treatment to paintings on the ceiling of a mandapam in front of the Venugopala Shrine of the Sriranganathaswamy temple there. The treatment helped reveal, in their original colours, the paintings which had been hidden by layers of extraneous materials and preserve them.

Other work.—Sectional inventory registers of valuables, apparatus tools, furniture and glass apparatus were prepared. The Half Yearly News Letter No. 16 was edited.

Publication and lectures.—The following papers pertaining to conservation were prepared for publication, viz., 'Conservation of Ethnological Material" by Thiru N. Harinarayana (submitted at the Seminar on Conservation held at the National Museum, New Delhi during February 1973), and "Conservation of Mural paintings in the Sriranganathaswamy temple at Srirangam", both by the Curator, Thiru N. Harinarayana.

"The Conservation Laboratory of the Tamil Nadu Government Museum, Madras" by Thiru S. Thangavelu 1972 was published in *Studies in Conservation.* Thiru N. Harinarayana, Curator, Chemical Conservation Laboratory, broadcast a talk in Tamil on March 15, 1973 from All-India Radio, Tiruchirappalli on the conservation of mural paintings in the Srirangam temple. He participated in two symposia: one on "The Care of Books and Manuscripts" September 25, 1972 organised by the Museum and another organised by the Archaeological Society of South India on "Human Ecology and Geomorphology of Peninsular India in the context of pre-and proto-history" held on 27th August 1972 and read papers at both the symposia.

Plans for 1973–74.—(i) Construction of fibre glass tank for washing bronze images, (ii) recording of temperature and humidity in the galleries and undertaking measures for better control of these conditions with regard to objects affected most (such as bronzes affected by "bronze disease" and objects of organic materials) (iii) the purchase of ultrasonic equipment, and (iv) preparation of a bulletin on "Elecrolytic Restoration of Bronzes with reference to the practice in this Museum" will be attended to.

CHILDRENS SECTION.

New additions to the collections.—One child art painting (elephant figure) was added to the collection.

Work in the gallery.—The dolls and furniture models exhibited inside the Doll's house were redisplayed properly. One of the working models of train, presented by the German Democratic Republic which had gone out of order was repaired, redisplayed and its demonstration was resumed. The damaged switch in the eliminator to the telephone

demonstration set was replaced by a new one and the demonstration of the equipment to the public was resumed. Necessary arrangements were made to replace the electrical wires which lead to the show-case in which the working model of train, presented by the Federal Republic of Germany, is exhibited. The specimens inside the " Dry aquarium." show-case were renovated and redisplayed. Internal lighting arrangement was done for the show-cases containing ship-models and Mont-Galfier balcon, External lighting arrangement was done for the portion of the gallery containing telephone demonstration set and the working model of train presented by the Federal Republic of Germany.

In addition to the above, the other routine items of work such as cleaning and dusting of interior of the show-cases, replacement of old and discoloured labels by newly prepared ones, replacement of burnt out tube-lights by good ones and provision of Naphthalene balls inside the show-cases were attended to.

Plans for 1973–74.—Arrangements will be made for exhibiting some more costume dolls (Japanese, etc.) in the place of some German or Yugoslav dolls. Newly printed labels will be provided in the gallery and the interiors of all show-cases will be repainted.

THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

GENERAL.

Working hours.—The Government Museum, Pudukkottai is open to the public on all days of the week except Monday and declared Gazetted Government Holidays. The working hours of the Museum office are from 10-30 a.m. to 5 p.m. and the Museum galleries from 8 a.m. to 11-30 a.m. and 2 p.m. to 5 p.m.

The weekly holiday is every Monday for the Galleries. The admission to the galleries is free to all, on all days of the week. During the year under report this Museum office has worked for 283 days and the Museum galleries for 295 days.

Visitors.—The total numbers of visitors during this year was 102,773 with the daily average of 348 and includes both males and females, literates and illiterates, students and teachers from educational institutions (Appendix A). Most of the distinguished visitors who happen to visit or pass through Pudukkottai find it a pleasure to visit this Museum (Appendix B).

Administration.—The Curator is both the administrative and technical head of this institution, assisted by an Assistant Curator, a Technical Assistant, a Taxidermist (Grade II) and two Junior Assistants. Beside, the Museum galleries are looked after by nine gallery guards in the day times and by two full time watchmen in the nights. The garden is maintained by one full time gardener.

The Annual Budget of this office including Plan Scheme 1972–73 is Rs. 58,707 (Appendix C).

Extra-Mural activities.—The required assistance to build up school Museum have been afforded to schools as usual at their request by supplying the relevant information about the methods of collection, preservation and display. The teachers accompanying the school students have been given training in the method of explaining the Museum exhibits to the school children. About 49 schools are the beneficiaries thereof (Appendix D).

IMPROVEMENTS IN THE GALLERIES.

Archaeology.—Seven new glass panes were provided to the vertical frame attached to the geological specimens show-case. One old granite specimen was replaced by a new one. Preservative treatment was given to the " Letter Written by Mahatma Gandhiji ". A revised list of labels were prepared and sent to Government Museum for preparing printed labels. In the meanwhile temporary bilingual labels were provided to all the specimens. The unidenified specimens of minerals, rocks and animal and plant fossils were sent to Government Museum, Madras for identification. The horizontal cracks in

some of tho compartments in the table show-cases containing some important rocks and minerals were plugged with suitable plywood pieces and painted in light yellow colour. The small specimens of mineral and gemstones were exhibited in small cardboard boxes specially made for this purpose. The photographs depicting the granite quary were touched up.

Zoology—Invertebrata—Porifera and Coelenterata.—The sponges were identified properly comparing the specimens that are exhibited at Government Museum, Madras. The wall case containing the wet preserved specimens of porifera and coelenterata was provided with a mazonite background. Three stained labels of the sponges were renewed. The specimens of coelenterata were cleaned and provided with fresh spirit. The dry specimen of the coral labelled as Madrepora spongiosa was relabelled as Montipora spongiosa. Three new glass-bound labels were provided to the coelenterata (dry) specimens.

Arthropoda.—Seven coleoptera moths were replaced by new ones which were collected recently. Three specimens of insect pests were replaced by new collected specimens. Naphthaline balls and Lysol campher solution were provided to the insect exhibition boxes. Four new Butterflies were exhibited replacing the old ones. The wall case containing the limulus was provided with a painted plywood background and varnished. Preservative treatment was given to the marine crabs. Some of the old and damaged moths were replaced by new specimens. Preservative treatment was given to the silk moths and their cacoons.

Vetebrata—Birds.—The wall case containing the beaks of birds was provided with a new plywood background painted in cream colour. Descriptive bilingual labels were provided to the bigger birds, Hornbill Demoiselle crane, Falmingo and Pelican. The pedestal of little egret was varnished. The show-cases containing the Egrets and herons, the Ducks and Teals, and white breasted water hen were repainted, one egg of hen was replaced by new one. The pedestal of stone curilew was repainted. The varnish on the beak and feet of vultures pelican was renewed. New and large pedestals were provided to the skeletal parts of birds (e.g., sternum of cassowary, skull of cassowary, etc.) since they projected beyond the old pedestals. One wall-shelf in this gallery was modernised and some of the birds from the systematic cases were exhibited in a semi-diorama type. The old and colour faded specimen of Rock Pegeon, and one parakeet were replaced by new ones and three new labels were provided to the nests of birds.

Fishes.—The wooden bracket of the wet preserved specimens of fishes was extended and fishes like Hippocampus, Tiger shark, etc., were added to the exhibition. The cracked glass pane of the long wall case containing the Eel (Murraenosox talabon) was replaced by a new glass pane. The wooden bracket containing the spirit preserved specimens of fishes was repained and the labels were replaced by new ones. A new specimen of electric ray fish was exhibited replacing the old one showing the electric organ dessected. The extra coated varnish in the seer fish was removed with the help of spirit and a light coat of clear varnish was given. All the fishes were rearranged. Preservative treatment was given to the dry specimen of fishes. A new label was provided to the air bladder of the boney fish. A special demonstration of the oviparous habit of the shark was conducted to the student of educational institutions.

Amphibians and Reptiles.—A new photomount was provided to the Bull frog picture. A descriptive label was provided to the monitor Lizards. Preservative treatment was given to the skeleton of Cobra and the interior of the show cases of the cobra and Tortoise were repainted.

Mammals.—The background of the diorama of the flying fox (bats) was touched up, the feet of elephant were cleaned with spirit and preservative treatment was given with clear varnish. The preserved skin of a giant squirrel was obtained from Government Museum, Madras. Preservative treatment was given to the skulls and horns of deer and bison. New labels were provided to the skeletons of mammals. The pedestal of Scaly Anteater, fox and rabbit was repainted with subdued colours. Four colour faded labels in the systematic cases were renewed. The skeleton of whale was cleaned and re-exhibited properly.

Arts and Industry.—The oil painting of Beggar maid, Robert Clive, River scene, and offering of fruits were given preservative treatment with Naphthaline powder (on the back of the painting). The indigenous dolls were cleaned and touched up wherever necessary and the interior of the show case in which they are exhibited was also repainted. Three frames of Sittanavasal were repainted. Preservative treatment was given to the textiles. The cracked glass tubes containing the Bangle earth were renewed. The chart of the pedigree of Tondaiman Rulers was repainted by document printer and exhibited. The photograph of the dancing apsara of Sittannavasal was provided with a new cutout mount. Printed labels were provided to the statue of Buddha (Marble), Varalakshmi, and to the pithmodel of the Rock Fort Temple.

Anthropology.—The plywood panels of the swords and spears and missile weapons were painted in pale blue colour and the swords were given preservative treatment and exhibited. The showcase of the Rifles, Revolvers, Bitchuvas and Jamatads and the magalithic burrials were repainted. A plywood panel was provided between the Arms Section and Pre-history Section, thereby concealing the view of the burial urns through the Arms Section.

Economic Botany.—The photographs of some of the common flowers and fruits were touched up. The models of the agricultural implements (ploughs and harrows) were revarnished. New labels were provided to the ear-heards of cereals. The background panel of the show cases of the fibres was repainted. New specimens of polyalthia fruit was collected and exhibited replacing the colour faded specimens. A new variety of gossypiu seeds were exhibitd replacing the old specimens. Preservative treatment was given to the harbarium specimens. The old specimens of three varieties of paddy were replaced by new specimens.

Archaeology.—New typewritten labels were provided to the important monuments. A descriptive label was provided to the lion capital (Amaravathi sculpture). New labels were provided to the Jaina Bronzes. One miscellaneous bronze which was named as Lakshmi was identified as Mahaswari and labelled accordingly. The labels of the Photographs of the Kodumbalur temples (Movar kovil and Inthalai) were renewed. The interior of the show case of Nandikesvara was repainted. Five new labels were provided to the bronzes. Preservative treatment was given to the nine cannons which are now exhibited in the exhibit verandah, with a mixer. Eight bronzes were added to the reserve collection of bronzes from the Sub-Magistrate's Court, Kumbakonam.

Tours.—The Assistant Curator, Government Museum, Pudukkottai undertook a tour to Madras from 17th to 29th April 1972 in connection with the identification of sponges, to purchase specimens from Ennore and to consult the Director of Museums, Madras in connection with publishing a guide book in Tamil to the Mammal Gallery, Government Museum, Madras. The Curator, Government Museum, Pudukkottai undertook a tour to Thanjavur on 16th May 1972 to examine the bronzes that were in the Sub-Magistrate's Court, Thanjavur. The Curator, the Taxidermist Grade II and one Gallery Guard undertook a tour to Kumbakonam to take delivery of the eight bronzes that were in the Sub-Magistrate's Court, Kumbakonam. The Assistant Curator, Government Museum, Pudukkottai undertook a tour to Madras Museum on 16th and 17th March 1973 to handover the fossil specimens of this Museum for identification.

Miscellaneous.—The regular Curator of this Museum Thiru M. Ragupathy was continuously on U.E.L. on Medical certificate from 1st September 1972 and Thiru J. Raja Mohamad, Assistant Curator, Government Museum, Pudukkottai was temporarily promoted as Curator, Government Museum, Pudukkottai. Thiru K. Lakshminarayanan, Assistant Curator, Archaeology section, Government Museum, Madras was promoted as Curator, Government Museum, Pudukkottai and he took charge on 1st December 1972 forenoon. Thiru S. Swaminatha Sarma, Junior Assistant to this Museum retired from service on 13th August 1972. A new post of Typist was added to the staff of this Museum.

Publication.—Thiru J. Raja Mohamad, Assistant Curator, Government Museum, Pudukkottai translated the guide book to the Mammal Gallery, Government Museum, Madras into Tamil. Thiru M. Ragupathy the Curator of this Museum prepared a book on "The Important Monuments in and around Pudukkottai".

S. T. SATYAMURTI,
Director of Museums,
Government Museum,
Madras-8.

CONNEMARA PUBLIC LIBRARY (EXCHANGE).

The number of institutions sending their journal in exchange for the Museum Bulletin was 250 and the number of publications received from them was about 600.

S. T. SATYAMURTI,

Director of Museums, Government Museum, Madras-8

and

Associate Librarian, Connemara Public Library, Madras.

APPENDIX I.

Completed list of treasure trove coins in the Tamil Nadu State for the year 1972–73.

A. Acquired by the Museums.

Serial number.	Number acquired.	Treasure trove number.	Accession number.	Particulars.	Metal.	Number found.	Number recoverd.	Locality.	Treasure trove R.D. number.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	42	961	998	Local South Indian coins.	Copper.	42	42	Vishamamangalam, Tirupattur, North Arcot District.	587
2	12	968	1,005	Three coins of William IV and nine coins of Victoria.	Silver.	62	62	Singiri Jail, Krishnagiri, Dharmapuri.	609
3	346	974	1,006	Punch marked coins.	Do.	350	350	Vellanur, Kolathur, Tiruchirappalli.	557
4	1	978	1,007	Chola coin.	Copper.	2	1	Arumuganeri, Tiruchendur, Tirunelveli.	616

B. Not acquired by the Museum.

Serial number.	Treasure trove number.	Particulars.	Metal.	Number found.	Number recoverd.	Locality.	Treasure trove R.D. number.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	967	South Indian Panam.	Gold.	109	109	Vallam, Thanjavur Taluk, Thanjavur District.	608
2	972	Do.	Do.	47	47	Manjolai, Ambasamudram, Tirunelveli.	613
3	973	Do.	Do.	44	44	Vedavanyampathi, Periakulam, Madurai.	599
4	977	Do.	Do.	71	71	Kulamangalam, Tirumayam, Tiruchirappalli.	617

APPENDIX II.

List of treasure trove finds Anthropology.

A. Acquired by the Museum.

Treasure trove number. (1)	Accession number. (2)	Description. (3)	Locality. (4)
605	108	1 Five gold talis with a chain ..	From Paganathan village, Karur taluk, Tiruchirappalli district.
		2 Four gold neck bands	
		3 A brass vessel	
		4 A piece of the brass vessel ..	
593	2446	A small cannon (dusted)	From Elayirampannai village, Sattur taluk, Ramanathapuram district.
	2447	A small cannon with some inscription.	
	2448	A small iron cannon dusted ..	
	2449	A metal knob taken from the cannon.	
606	1/72 A & B	A pestle and a mortar, granite..	From Kayamoli village, Tiruchendur taluk, Tirunelveli district.

B. Not acquired by the Museum.

Nil.

Archaeology.

A. Acquired by the Museum.

Serial number. (1)	Treasure trove number. (2)	Accession number. (3)	Object and locality. (4)
1	958	683	Crawling Krishna—Avoor Papanasam taluk, Thanjavur district.
2	959	684	Vishnu—Chettipulam, Tiruthuraipundi taluk, Thanjavur district.
3	959	685	Sridevi—Chettipulam, Tiruthuraipundi taluk, Thanjavur district.
4	959	686	Durga—Chettipulam, Tiruthuraipundi taluk, Thanjavur district.
5	980	687	Somaskanda—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
6	980	688	Ganesa—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
7	980	689	Chandrasekhara—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
8	980	690	Ayyanar—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
9	980	691	Devi—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
10	980	692	Sulam—Nangaimozhi, Tiruchendur taluk, Tirunelveli district.
11	984	693	Nataraja—Kattakkudi, Mannargudi taluk, Thanjavur district.
12	984	694	Umasahita—Kattakkudi, Mannargudi taluk, Thanjavur district.
13	984	695	Devi—Kattakkudi, Mannargudi taluk, Thanjavur district.
14	984	696	Balasubrahmanya—Kattakkudi, Mannargudi taluk, Thanjavur district.
15	984	697	Small image on a pedestal—Kattakkudi, Mannargudi taluk, Thanjavur district.
16	984	698	Lamp—Kattakkudi, Mannargudi taluk, Thanjavur district.
17	965	699	Hanuman—Vengapattu, Arkonam taluk, North Arcot district.
18	965	700	Pedestal in the shape of Tortoise—Vengapattu, Arkonam taluk, North Arcot district.
19	965	701	Pedestal in the shape of Tortoise—Vengapattu, Arkonam taluk, North Arcot district.
20	965	702	Rectangular pedestal with prabha (big)—Vengapattu, Arkonam taluk, North Arcot district.
21	965	703	Rectangular pedestal with prabha (small)—Vengapattu, Arkonam taluk, North Arcot district.
22	965	740	Prabha alone—Vengapattu, Arkonam taluk, North Arcot district.

B. Not acquired by the Museum.

Serial number.	Treasure trove number.	Particulars.
(1)	(2)	(3)
1	956	Tiruvasi from Elampalli, Arantangi taluk, Thanjavur district.
2	963	Ganesa and idols from Kayarambedu, Chingleput taluk and district.
3	966	Devi from Ullikkottai, Mannargudi taluk, Thanjavur district.
4	970	Hanuman from Melathirupanthuruthi, Thanjavur taluk and district.
5	971	Vishnu (stone) Palliagraharam, Thanjavur taluk and district.
6	976	Vishnu from Melaseethai, Ramanathapuram taluk and district.

APPENDIX III.

OTHER NOTABLE ADDITIONS TO THE COLLECTIONS DURING THE YEAR 1972–73.

Zoology.

Serial number.	Accession number.	Particulars.
(1)	(2)	(3)
1	8/1972	The Painted Bat. (Kerivoula Picta.)

Geology.

1	4/1972	Pale pink flexible sandstone.

Anthropology.

Serial number.	Accession number.	Article.	Particulars.
(1)	(2)	(3)	(4)
1	108/1 to 108/4 ..	Eleven pieces of gold talis, neckbands and a brass ves el.	As treasure trove from Paganatham village, Karur taluk, Tiruchirappalli District.
2	1/72 and 2/72 ..	Two skull casts of an adult and a child from Mount Carmel.	On exchange from the Director, Palaeontological Research Institute, North Carolina, U.S.A.
3	2446 to 2449 ..	Four pieces of cannon	As Treasure trove from Elayirampannai village, Sattur taluk, Ramanathapuram district.
4	1/72 A and B ..	A pestle and a mortar	As treasure trove from Kayamoli village, Tiruchendur taluk, Tirunelveli district.

Numismatics.

Serial number.	Accession number.	Particulars.
(1)	(2)	(3)
1	1000	One Philco radio set believed to have been used by Netaji in his Singapore, residence presented by Thiru A. K. Ramaswamy.
2	1001	Weights sent by the Deputy Inspector of Schools, Vridachalam.
3	1002	Seventeen Ceylon stamps presented by Thiru T. A. Fernanda.
4	1003	Proof coins for 1971 purchased from the Mint Master, Bombay.
5	1004	One Pakistan one rupee presented by the Jailor, Sub-Jail, Poonamallee.

Archaeology.

Serial number.	Accession number.	Particulars.	Locality.
(1)	(2)	(3)	(4)
1	1905/72	Ekapadamurti	Wood carvings purchased from Sri Kothav Isvara Devasthanam, Koilur, Ramanathapuram district (Sivaganga Devasthanams).
2	1906/72	Appar	
3	1907/72	Sambandar	
4	1908/72	Manikkavachakar	
5	1909/72	Krishna	
6	1910/72	Sarasvati	
7	1911/72	Unidentified deity	Stone sculptures purchased from Customs House, Bombay.
8	1912/72	Yakshi	
9	1913/72	Kali	
10	1914/7	Fragment	
11	1915/72	Do.	
12	1916/72	Sarabhamurti	Wood carvings purchased from Sri Dandayuthapani Devasthanam, Palni, Madurai district.
13	1917/72	Dvarapalaka	
14	1918/72	Do.	
15	1919/72	Sadasiva	
16	1920/72	Elephant headed deity (Ganesan) ..	
17	1921/72	Erotic scene	

APPENDIX IV.

VISITORS, STAFF, ETC.

(1)	1971-72. (2)	1972-73. (3)
Total number of visitors	767,847	639,493
Number of visitors on Sundays ..	150,777	126,979
Total on Dwadasi Day	1,669	6,779
Total on Kanum Pongal ..	46,390	25,596

The Centenary Exhibition Halls was used for 8 exhibitions during 1972-73. A sum of Rs. 250 was realised as rent against Rs. 378 in the previous year.

Museum Theatre.

The Museum Theatre was used for 205 engagements during the year of which 178 dramatic, music and dance performances and the rest for rehearsals and meetings. A sum of Rs. 15,800 was realised as rent and a sum of Rs. 1,391 has in addition been credited to Government towards the overtime fee for the Caretaker's overtime attendance.

APPENDIX V.

List of photo negatives added to the sections during the year 1972-73.

ZOOLOGY SECTION.

Serial number.	Negative number.	Size.	Particulars.
(1)	(2)	(3)	(4)
1	ZF. 640	35 m.m.	Indian Tiger (*Felis tigris*).
2	ZF. 641	2B. size (4 negatives) ..	Photographs of the dead specimen of Baboon received from the Madras Corporation Zoo.
3	ZF. 642	Do.	Photographs of four Echinoderm specimens supplied to Thiru D. B. James, C.M.F.R. Station, Masulipatnam.
4	ZF. 643	2B. size (2 negatives) ..	Photographs of the stuffed and mounted specimen of the Conum Crocodile.
5	ZF. 644	35 m.m. strip	Photographs showing the different stages of embedding Grass-hopper specimen.
6	ZF. 645	2B. size (6 negatives) ...	Photographs of shells and some shell products taken for D.M.'s article to be published in connection with the Archaeological seminar conducted on 10th September 1972.
7	ZF. 646	35 m.m.	Plastic infilteration process—sheep's kidney.

ANTHROPOLOGY.

Serial number. (1)	Negative number. (2)	Size. (3)	Particulars. (4)
1	F. VIII 48	2¼ × 2¼	One skeleton of Man.
2	„ 49	„	Do.
3	„ 50	„	Four combs of Kadar case.
4	„ 51	„	Do.
5	„ 52	„	One rattan ladder of Chenchu case.
6	„ 53	„	Do.
7	„ 54	„	Five original seals of Mohenjadaro gallery.
8	„ 55	„	Do.
9	„ 56	„	Ten original seals of Mohenjadaro gallery.
10	„ 57	„	A view of the Arms gallery I room after renovation and fixing of Arms.
11	„ 58	„	Another view of the Arms gallery I.
12	„ 59	„	A view of the Prehistory gallery I after renovation.
13	„ 60	„	A view of the Prehistory gallery II after renovation.
14	„ 61	„	A view of the Megalithic site—Adhichanallur.
15	„ 62	„	Do.
16	„ 63	„	Do.
17	„ 64	„	Do.
18	„ 65	„	Do.
19	„ 66	„	A view of the Microlithic site Sawyerpuram.
20	„ 67	„	Do.
21	„ 68	„	Do.
22	„ 69	„	A cannon from Srirangapattam exhibited in the Museum compound.
23	„ 70	„	Leather puppet-Javanese—Male.
24	„ 71	„	Leather puppet-Javanese—Female.
25	„ 72	„	Leather puppet-Apsara—Indo—China.
26	„ 73	„	Leather puppet-Temple—Indo—China.
27	„ 74	„	Arms—Grape shots.
28	„ 75	„	Arms—Water cart.
29	„ 76	„	Arms—Gun powder flasks.
30	„ 77	„	Arms—Mortar from Burma.
31	„ 78	„	Arms—Model of a Hyder Ali cannon.
32	„ 79	„	Arms—Another model of a Hyder Ali cannon.
33	„ 80	„	Arms—Gun powder flasks.
34	„ 81	„	Arms—Cannon taken at Manilla.
35	„ 82	„	Arms—A view of the breast plates.
36	„ 83	„	Arms—A view of the spears.
37	„ 84	„	Arms—A view of the Guns and wall-pieces.
38	„ 85	„	Arms—Another view of the Guns.
39	„ 86	„	Arms—Two swords.
40	„ 87	„	Arms—A mortar and a cannon from Burma.
41	„ 88	„	Arms—Chain Shots.
42	„ 89	„	Arms—Gun Powder flasks.
43	„ 90	„	Arms—Bhidchier.
44	„ 91	„	Arms—slingas (kavandai)
45	„ 92	„	Arms—Cannon Balls and Stone shots.
46	„ 93	„	Arms—Two crowns.
47	„ 94	„	Arms—Two penpistols.
48	„ 95	„	Arms—Four knives.
49	„ 96	„	Arms—A view of the shields and spears.
50	„ 97 .. —	„	Bronze figures—Adhichanallur.
51	„ 98	„	Bronze Baffaloes—Adhichanallur.

ARCHAEOLOGY.

Serial number. (1)	Negative number. (2)	Size. (3)	Particulars. (4)
1 to 10	2222 to 2231	2 x 2 ,,	View of Treasure Trove articles (Devi) from Tiruvengimalai, Musiri taluk, Tiruchirappalli District.
11	2232	,,	Ranganatha with consorts, from Villupuram, South Arcot District.
12	2233	,,	Do.
13	2234	,,	Vishnu, Bihar (New Extension gallery).
14	2235	,,	Close view of Chakra of Vishnu (Pallava Bay).

NUMISMATIC.

Serial number. (1)	Negative number. (2)	Size. (3)	Particulars. (4)
1	F. 84	½	Vigrukundai (observe).
2	F. 85	,,	Do. (Reverse).
3	F. 86	,,	Vijayanagar, Achyuta Raya (obverse).
4	F. 87	,,	Do. (reverse).
	F. 88	,,	Vijayanagar, Devaraya, Tirumala Raya (obverse).
6	F. 89	,,	Do. (reverse).
7	F. 90	,,	Vijayanagar, Devaraya, Krishnadeva Raya (obverse).
8	F. 91	,,	Do. (reverse).
9	F. 92	,,	Pandya, Standing man and two fish (obverse).
10	F. 93	,,	Do. (reverse).
11	F. 94	,,	Ellantalaiyam type, Kodandaraman, Kochivelanguvam (obverse)
12	F. 95	,,	Do. (reverse)
13	F. 96	,,	Two fish and Sundara Pandaya (observe).
14	F. 97	,,	Do. (reverse).
15	F. 98	,,	Tree and fish, free horse, etc. (obverse).
16	F. 99	,,	Do. (reverse).
17	F. 100	,,	Single tortoise, single elephant, etc. (obverse).
18	F. 101	,,	Do. (reverse).
19	F. 102	,,	Pandya Bull and Caitya, figer and elephant (obverse).
20	F. 103	,,	Do. (reverse).
21	F. 104	,,	Pandya, Nandipak symbal and fish two elephants (obverse).
22	F. 105	,,	Do. (reverse).
23	F. 106	,,	Punch Marked coins (obverse).
24	F. 107	,,	Do. (reverse).
25	F. 108A	,,	Do. ,,
26	F. 108	,,	Do. ,,
27	F. 109	,,	Do. ,,
28	F. 110	,,	Do. ,,
29	F. 111	,,	Do. (obverse).
30	F. 112	,,	Do. ,,
31	F. 113	,,	Do. ,,
32	F. 114	,,	Do. ,,
33	F. 115	,,	Konguchera ,,
34	F. 116	,,	Do. ,,

APPENDIX VI.

Price list of Madras Government Museum Bulletins (New Series).

Note.—Orders for copies of the publications should be accompanied by remittance to cover the cost and postage. For the trade terms, the Director of Museums, Government Museum, Madras, should be addressed.

Volume and number.	Description.	Number of pages.	Number of plates.	Price.	Rates after allowing 25 per cent discount.
(1)	(2)	(3)	(4)	(5)	(6)
				RS. P.	RS. P.
	Natural History Section.				
Vol. I, No. 2, Part 1, 1933.	Supplement to the Littoral Fauna of Krusadai Island in the Gulf of Mannar—Polychaeta by P. Fauvel, Pycnogonida by B. Sundara Raj, and Alpheidae by F. H. Gravely.	79	1	2 00	1 50
Vol. I, No. 2, Part 2, 1931.	Three Species of Alcyonaria. By Sydney J. Hickson, F.R.S. (with three text figures).	9	Nil.	0 25	0 19
Vol. I, No. 2, Part 3, 1936.	Scyphomedusae of Krusadai Island by M.G.K. Menon, M.A.	9	1	0 50	0 38
Vol. I, No. 2, Part 7, 1956.	Scaphopoda Pelecypoda and Cephalopoda of Krusadai Island. By S. T. Satyamurti. M.A., D.SC., F.Z.S.	202	30	9 37	7 03
Vol. III, No. 1, 1930.	The Scyphomedusae of Madras and the neighbouring Coast. By M. G. K. Menon, M.A., Research Scholar, Madras University, Zoological Laboratory.	28	2	1 12	0 84
Vol. III, No. 2, 1932.	The Hydromedusae of Madras. By M.G.K. Menon, M.A.	32	3	1 12	0 84
Vol. III, No. 5, 1937.	Decapod Larvae from the Madras Plankton. By M. Krishna Menon, M.A., M.SC.	55	9	1 87	1 41
Vol. III, No. 6, 1940.	Decapod Larvae from the Madras Plankton—II. By M. Krishna Menon, M.A., M.SC.	47	8	1 50	1 13
Vol. IV, No. 1, 1931.	The Indian Species of Genus Caralluma (Fam. Asclepiadaceae). By F. H. Gravely, D.SC. and P. V. Mayuranathan, B.A., Government Museum, Madras.	28	4	1 50	1 13
Vol. VI, No. 1, 1949.	The Thaliacea of the Madras Plankton. By R. Velappan Nair, M.SC.	41	6	1 75	1 32
Vol. VI, No. 2.	Cirripedia of the Madras Coast. By A. Daniel.	40	16	2 37	1 78
Vol. VI, No. 3, 1959.	The Amphipoda of the Madras Coast By K. Nagappan Nair, M.SC.	59	16	4 36	3 27
Vol. VI, No. 4, 1960.	The Land and Freshwater Mollusca in the collection of the Madras Government Museum. By S. T. Satyamurti, M.A., D.SC., F.Z.S.	174	21	13 00	9 75
1960	Guide to the Snakes exhibited in the Reptile Gallery. By S. T. Satyamurti, M.A., D.SC., F.Z.S.	25	..	0 75	0 57
1961	Guide to the Snakes exhibited in the Reptile Gallery (Tamil). By S. T. Satyamurti, M.A., D.SC., F.Z.S.	26	18	0 62	0 47
1962	Guide to the Lizards, Crocodiles, Turtles and Tortoises exhibited in the Reptile Gallery. By S. T. Satyamurti, M.A., D.SC., F.Z.S.	45	28	1 37	1 03
1963	Guide to the Galleries of Foreign Animals, General Zoology, skeletal exhibits and Amphibians. By S. T. Satyamurti, M.A., D.SC., F.Z.S.	65	40	3 00	2 25
1964	Guide to the Mammal Gallery. By S. T. Satyamurti M.A., D.SC., F.Z.S.	73	45	2 36	1 77
1965	Guide to the Fish Gallery. By S. T. Satyamurti, M.A., D.SC., F.Z.S.	85	56	3 60	2 70

APPENDIX VI—*cont.*

Price list of Madras Government Museum Bulletins (New series)—cont.

Volume and number. (1)	Description. (2)	Number of pages. (3)	Number of plates. (4)	Price. (5)		Rates after allowing 25 per cent discount. (6)	
				RS.	P.	RS.	P.
	Natural History Section—cont.						
1966 .. .. New Series Nos. Vol. VII, No. 1,	Descriptive catalogue of Butterflies in the collections of Madras Museum, by S. T. Satyamurti, M.A., D.SC., F.Z.S.	255	33	30	95	23	25
1967	Guide to Invertrabrate Gallery by S. T. Satyamurti, M.A., D.SC., F.Z.S.	164	66	7	05	5	29
Vol. VII, No. 2, 1967.	South Indian Amphibia by S. T. Satyamurti, M.A., D.SC., F.Z.S.	87	13	5	80	4	35
1970	Guide to the Bird Gallery, by S. T. Satyamurti, M.A., D.SC., F.Z.S.	193	100	11	30	8	47
	***General Section** (with separate volumes for Anthropology and Archaeology respectively).*						
Vol. I, No. 1, 1929.	Buddhist Sculptures from a Stupa near Goli village, Guntur district. By T. N. Ramachandran, M.A. (Reprint).	44	12	1	55	1	17
Vol. II, No. 1, 1930.	The Adichanallur skulls. By S. Zuckerman, M.A., M.R.C.S., L.R.C.P., with Notes by Prof. G. Elliots Smith, F.R.S.	24	3	1	37	1	03
Vol. III, No. 4 ..	Indian Epigraphy and South Indian Scripts. By C. Sivaramamurti, M.A. (Reprint).	280	12	13	55	10	17
1939	Guide to the Archaeological Galleries. An Introduction to South Indian Temple Architecture and Sculpture. By F. H. Gravely, D.SC., and C. Sivaramamurti, M.A. and other Curators (Reprint).	50	4	0	55	0	42
Vol. VI, No. 1, 1952.	Possible Sumerian Survivals in Toda Ritual. By H. R. H. Prince Peter of Greece, M.A. (Hry.), LL.D.	24	10	6	25	4	69
1952	Madras Government Museum Centenary Souvenir (1851–1951).	158	12	5	00	3	75
1952	Guide to the Buddist Antiquities. By A. Aiyappan and P. R. Srinivasan (Reprint).	54	12	0	80	0	60
Vol. VII, No. 1, 1954.	Nagappattinam Bronzes. By T. N. Ramachandran (Reprint).	156	30	9	70	7	28
1953	Coins of India Through the Ages ..	17	3	0	40	0	30
1957	Early Eastern Chalukyan Sculptures. By C. Sivaramamurthi, M.A. (Reprint).	71	35	2	90	2	18
Vol. VII, No. 5, 1959.	The Gopuras of Tiruvannamalai. By F. H. Gravely, D.SC.	8	13	5	90	4	43
1960	Handbook of Museum Technique. Edited by A. Aiyappan, M.A., PH.D. and S.T. Satyamurti, M.A., D.SC., F.Z.S.	228	11	2	75	2	07
1960	Scripts in and around India. By V. Kanniyan, B.A.	46	..	2	70	2	03
1961	Kalaichelvangi. (Tamil). By R. Nagaswamy, B.A. (Hons.).	68	40	1	00	0	75
1962	Pashankala Panpadum Pasham Kudikalin Panpadum (Tamil) By C. J Jayadev, M.A.L.T. and M. Raghupathy, M.A., M.A.	61	33	1	60	1	20
1964	Handbook of the Madras Government Museum. Edited by S. T. Satyamurti, M.A., D.SC., F.Z.S.	154	180	5	40	4	05
1964	Guide to the Anthropological exhibits C. J. Jayadev, M.A.	47	37	1	05	0	79
Vol. IX, No. 1, 1964.	Nolamba Sculptures by C. Sivaramamurthi, M.A.	30	45	14	12	10	[illegible]

APPENDIX VI—*cont.*

Price list of Madras Government Museum Bulletins (New series)—cont.

Volume and number.	Description.	Number of pages.	Number of plates.	Price.	Rates after allowing 25 per cent discount.
(1)	(2)	(3)	(4)	(5)	(6)
				RS. P.	RS. P.
Vol. IX, No. 1, 1965	Guide to the Children's Gallery by A. Vimala, B.A.	18	14	1 25	0 94
Vol. X, No 1, 1966.	The Glaciations and the Pre-historic Ages by M. D. Raghavan, B.A.	22	7	1 60	1 20
1966	Guide to the Principle exhibits in the Government Museum, Pudukkottai, by M. S. Chandrasekhar, B.SC., F.B.S.	129	35	5 00	3 75
Vol. IX, No. 2, 1966.	The Dowlaishweram Hoard of Eastern Chalukyan and Chola Coins by T Balakrishna Nair, M.A., (Madras) M.A. (London).	22	4	4 80	3 60
	Guide to the National Art Gallery (New) by V. N. Srinivasa Desikan, M.A.	55	8	5 00	3 75
	Bronze Gallery-A guide by V. N. Srinivasa Desikan, M A., B.A. (Hons.)	..	55	3 50	2 62
	English Handy Guide	..	..	0 06	..
	Tamil Handy Guide	..	..	0 06	..
	Telugu Handy Guide	..	..	0 06	..
	Malayalam Handy Guide	..	..	0 03	..
	Brochure of the Government Museum, Madras.	..	..	0 25	..
	Directory of Museums (Tamil)	..	..	5 00	3 75
	Museum Manual	..	..	3 70	2 80
	The Foote Collection of Indian Pre-historic and Proto-historic Antiquities Catalogue Raisonne by R. Bruce Foote-1914.	..	..	2 00	1 50
	Gramaphone records of the languages and dialects of the Madras Presidency Text of Passages.	..	..	1 25	0 95

TRADE TERMS.

1. The publications of the Government Museum, Madras, will be supplied only on pre-payment of the cost of the publications and sufficient postage there on by Money Order or by cash.
2. Cheques or Bank drafts will not be accepted due to the account difficulties.
3. A discount of 25 per cent will be allowed to all authorised booksellers.

APPENDIX VII.

Receipts and Expenditure.

(A) RECEIPTS.

		AMOUNT.
1	Sale of photos	163·00
2	Sale of photos album	72·00
3	Sale of coins	690 69
4	Sale of metal casts of coins	300·00
5	Sale of replicas of Rama, Sita and Nataraja	3,000·00
6	Theatre advance	14,696·80
7	Sale of Micro-film copies	..
8	Other miscellaneous receipts	4,240·61
9	Sale of Publications	4,792·80
10	Sale of Picture Post Cards	589·75
11	Museum Theatre rent	16,810·00
12	Museum Lawn rent	63·00
13	Centenary Exhibition Hall rent	300 00
14	Museum Restaurant rent	21,977·00
15	Fee for film shooting	300·00

(B) EXPENDITURE.

	Rs. P.
27 Scientific Departments—C. A. Museums.	
1 Salaries	3,91,992·74
Allowances—	
Travelling allowance	2,640·25
Dearness allowance	51,656·49
Other allowance	79,171·57
2 Office contingencies	1,25,496·37
3 Other charges—	
Other charges	5,383·70
4 Maintenance of Padmanabhapuram Palace and Museum of Antiquities..	..
(d) Development schemes—Schemes in the Fourth Five-Year Plan—(i) State Schemes—	
A. Improvements to Government Museums at Madras and Pudukkottai—	
1 Cost of personnel	6,464·20
2 Apparatus and materials	5,351·22
3 Cost of specimens	10,152·65
(b) Grants-in-aid and donations to Scientific Societies and Institutions—	
Grants to the Gandhi Smarak Sangrahalaya, Madurai	5,000·00
Grants to the Numismatic Society of India, Varanasi	..
Grants to the Museums Association of India, New Delhi	300·00

APPENDICES RELATING TO THE GOVERNMENT MUSEUM, PUDUKKOTTAI.

APPENDIX A.

NUMBER OF VISITORS FROM 1ST APRIL 1972 TO 31ST MARCH 1973.

Months.	*Number of visitors.*
1972—	
April	8,453
May	9,221
June	7,778
July	9,183
August	9,535
September	8,466
October	8,712
November	8,071
December	6,750
1973—	
January	7,715
February	9,041
March	9,848
Total ..	102,773

APPENDIX B.

EXTRACT FROM THE VISITOR'S BOOK.

1. I visited the museum to-day with my friend Shri D. Anthony, Deputy Registrar of Co-operative and my children. It was an unique collection of birds which far exceeds some of the best museums in the country. I am really impressed with other items and the day in which the Museum is maintained. I congratulate the staff whose devotion is work interesting.

(Sd.) S. SELVARAJ,
Staff Officer, Reserve Bank of India, Madras.

Extract from the visitor's book.

2. I visited this Museum today the 25th June 1972 along with my wife. It is one of the very good Museum, that I have seen and it was very interesting going around. The Museum staff took lot of pains to conduct us in the Museum and gave us a lot of information. It was most educative. Once again I thank the Museum staff.

Agra. (Sd.) V. R. JHA, I.P.S.,
Assistant Superintendent of Police.

3. I visited the Museum this morning along with Thiru T. A. Sivasubramaniam, Municipal Commissioner, Pudukottai. We are very much impressed at the various collections found in the Museum covering all branches of civilisation, art and culture.

Madras, (Sd.) K. RAMANARAYANAN,
21st July 1972. *Director of Municipal Administration.*

4. Visited the Government Museum, today. Next to Madras this is the only branch in Tamil Nadu. After going round the Museum I can certify that this would be really useful to all students of the schools and colleges and the Public in getting information about all branches of past and present. I am really impressed with all the collections and the efficient way in which they are exhibited.

Pudukottai, (Sd.) RAMACHANDRAN.
21st July 1972. *District Educational Officer.*

5. Visited the Museum this day and I was really very happy to have taken this opportunity to visit it. Though it is said to be the second in the state, Madras Government Museum, being in the first, it has all its educative value. All rare things have been well arranged and well preserved. The Curator, in charge of the Museum takes great pains to encourage the visitors and gives full details of the exhibits. I must congratulate the officer and his staff of the good maintainance of the exhibits and the premises. I spent more than 40 minutes here and every minute has been useful and enlightening.

Tiruchirappalli, (Sd.) GIRIJA SWAMINATHAN,
10th October 1972. *C.E.O.*

6. Visited the Museum again after 10 years and was impressed about the all round improvement in display. This Museum deserves to be better known.

Madras-600002, (Signed) L. D. BOMMEL,
10th December 1972. *Director of Postal Service.*

7. Visited the Museum on 21st December 1972. The specimens are interesting and the natural science section has great educative value for the student community of the town. The collection has overgrown the limited space available in the building. The Museum needs a more spacious building.

Pudukkottai, (Signed) M. B. PRAKASH, I.A.S.,
21st Decembe 1972. *Sub-Collector.*

8. Visited the Museum today. The Curator and others have explained us very wel about the exhibits.

6th January 1973.

(Signed) M. S. ABDUL KHADAR, M.P
(„) ALAMELU APPADURAI.
(„) D. RAJARATHINAM, M.L.A.

9. Having visited Pudukkottai Museum on 6th January 1973 along with our Chingleput District Committee Members, enjoyed and achievements as the olden days remembrance. Reception at Museum greatly fulfilled our hearts.

(Signed) NAGALINGAM, M.L.A.,

10. A very enjoyable visit.

15th February 1973.

(Signed) W. G. ARCHER.

11. A very remarkable Museum with rare collections. A visit to this is a must with children and member of the family. Well maintained and neatly kept. Staffs are very polite and courteous.

16th February 1973.

(Signed) C. S. KADIRVEL,
D.S.P., C.I.D.

12. Visited this beautiful Museum today. The way in which this is maintained deserve congratulations.

Madras,
18th February 1973.

(Signed) R. RENGARAJAN,
Assistant Commissioner,
Hindu Religious Endowments Board,
Madras.

APPENDIX C.

Statement showing and expenditure in the Government Museum, Pudukkottai, for the year 1972–73.

Receipts.

	RS.	P.
1 Tamil Handy Guides at Rs. 0-10 paise each	Nil.	
2 English Handy Guides (at Rs. 0·06 paise each) 05×54	2	70
3 Guide to the Principal Exhibits to the Government Museum, Pudukkottai (at Rs. 5 each) Rs. 5×7.	35	00
4 Brochure on Government Museum, Madras (at Rs. 0·25 paise each) 0·25×2.	0	50
Total ..	38	20

Expenditure.

(1)	Revised Estimate, 1972–73. (2)	Actual expenditure (1st April 1972 to 31st March 1973). (3)	
	RS.	RS.	P.
1 Cost of Personnel—			
Salaries	40,600	40,571	49
Travelling allowance	615	612	25
Dearness allowance	5,160	5,154	76
Other allowances	1,884	1,788	40
Medical charges	1,115	1,082	55
2 Office contingencies	8,385	8,157	40
3 Other charges	227	176	75
d. Development schemes (plan)—			
1 Apparatus and materials	107	26	40
2 Cost of specimens	454	143	00
Total	58,707	57,713	00

APPENDIX D.

List of schools visited the Government Museum, Pudukkottai, from 1st April 1972 to 31st March 1973.

Serial number and Date. (1)		Name of the school. (2)	Number of students. (3)	Number of staff. (4)
1	12th April 1972	Arimalam Panchayat Union Elementary School, South Nalliapati.	22	2
2	22nd April 1972	Tirumayam Panchayat Union Elementary School, Audipatti.	10	1
3	Do.	Tirumayam Panchayat Union Elementary School, Sandhanaviduthi.	30	2
4	23rd April 1972	Sri Vivekanandha Vidyayarana High School, Tirupparaithurai.	84	6
5	26th June 1972	Montessory School, Karaikudi	16	3
6	16th July 1972	Manikkam Mantissory School, Pudukkottai.	13	2
7	20th July 1972	Malathaniyam Government High School ..	75	10
8	22nd July 1972	V. V. Varam High School, Thiruparaithurai.	85	3
9	Do.	Sri M. Narayanan Chettiyar High School, Koppanapatti.	50	5
10	Do.	Sri Muruganatha Middle School, Devakottai.	50	10
11	Do.	Esavappatti Union Basic School, Pommanarpuram.	26	2
12	29th July 1972	Perengalur Basic School, Thiruvarangulam Union.	30	6
13	Do.	Thiruvarangulam Panchayat Union Middle School.	10	1
14	30th July 1972	Senior Basic School, Annavasal	55	5
15	Do.	Athanakkottai Union High School, Thiruvarangulam Panchayat Union.	30	2
16	Do.	Vadavalam Basic School, Thiruvarangulam Panchayat Union.	40	3
17	Do.	Vaithur Middle School, Kunnandar Koil Union.	27	3
18	Do.	Therkuppatti and Keelathur Schools, Thiruvarangulam Panchayat Union.	60	2
19	1st August 1972	Melur Basic School, Annavasal	28	4
20	6th August 1972	P. S. S. High School, Shanmuganathapuram.	65	6

APPENDIX D—*cont.*

List of schools visited the Government Museum, Pudukkottai from 1st April 1972 *to* 31*st March* 1973—*cont.*

Serial number and date. (1)		Name of school. (2)	Number of students. (3)	Number of staff (4)
21	18th August 1972 ..	Government High School, Cauvery Nagar..	43	5
22	31st August 1972 ..	Child Jesus School, Pudukkottai	28	3
23	2nd September 1972 ..	Do	400	17
24	7th September 1972 ..	Do.	46	7
25	14th September 1972 ..	Child Jesus School, English Primary School, Pudukkottoi.	43	5
26	7th October 1972	K.M.H. School, Tiruchirappalli	30	2
27	21st October 1972 ..	Model School, Pudukkottai	97	1
28	Do. ..	Gramiya Vistharippu Payirchi Nilayam, Coimbatore.	40	2
29	23rd November 1972 ..	Municipal School, R. G. Puram, Pudukkottai.	48	7
30	25th November 1972 ..	R.S.K. School, Tiruchirappalli ..	88	3
31	5th January 1973 ..	Municipal Elementary School, Santhanathapuram, Pudukkottai.	108	10
32	Do. ..	Municipal Elementary School, Sandaipettai, Pudukkottai.	57	2
33	18th January 1973 ..	T.E.L.C. School, Pudukkottai	80	4
34	24th January 1973 ..	T.E.L.C. Senior Basic School, Pudukkottai.	98	5
35	25th January 1973 ..	Majlisul Ulama Elementary School, Tiruchirappalli.	97	6
36	27th January 1973 ..	Alagappa Preparatory School, Karaikudi-3.	90	7
37	8th February 1973 ..	Municipal School, Kovilpatti, Pudukkottai.	30	2
38	23rd February 1973 ..	Malayedi Municipal School, Pudukkottai ..	37	3
39	4th March 1973	T.E.L.C. School, Pudukkottai	24	1
40	Do.	Panchayat Union School Kottur, Tirumayam.	34	3
41	21st March 1973	Municipal School, G. Nagar, Pudukkottai.	195	11
42	14th March 1973	Holy Mary School, Orathanadu ..	46	18
43	17th March 1973	T.E.L.C. School, Pudukkottai	125	2
44	22nd March 1973	Holy Mary School, Tiruchirappalli ..	42	4
45	24th March 1973	Rasipuram Elementary School, Tirumayam.	16	2
46	29th March 1973	Holy Redshakar Elementary School, Tiruchirappalli.	120	15
47	Do. ..	Perambalur Muslim Middle School, Tiruchirappalli.	85	5
48	31st March 1973	Lalgudi Panchayat Union Middle School, Sathamangalam.	39	3
		Total ..	3,002	236

APPENDIX E.

List of books added in the Library for 1972–73.

1 The Journal of the Numismatic Society of India, Volume XXXI, Part I, 1969.
2 Do. Volume XXXIII, Part II, 1969.
3 Do. Volume XXXII, Part I, 1970.
4 Man in India, Volume 52, No. 2, 1972.
5 Journal of the Bombay Natural History Society, Volume 68, No. 3.
6 Computer Art Edited by Dr. Lakshmi P. Share.
7 Directory of the Natural Sciences Museums of the words—Published by I.C.O.M. 1971.
8 The General Provident Fund (Madras) Rules—As corrected up to 31st March 1970—Price Rs. 1·50.
9 Provident Fund Rules of the Pudukkottai State.
10 Annual Report of the Department of Archaeology for the year 1970–71 of Baroda.

APPENDIX E—*cont.*

11 First list of corrections to the Madras Financial Code Volume I (Fifth Edition) (corrected up to 31st December 1967).
12 Man in India, Volume 52. No. 3, July-September 1972.
13 Museum architecture.
14 Marg Volume XXIII, No. 2, March 1970.
15 Marg Volume XXIV, No. 1, December 1970.
16 Marg Volume XXV, No. 2, March 1972.
17 Marg Volume XXV, No. 3, June 1972.
18 Man in India, Volume 52, No. 4, October-December 1972.
19 Journal of Bombay, Natural History Society, Volume 69, No. 1.
20 ஆங்கில தமிழ் கையகராதி, கா. அப்பாதுரை பிள்ளை.
21 Man in India, Volume 52, No. 4, October-December 1972.
22 Man in India, Volume Volume 53, No. 1, January-March.
23 Marg Volume XXV, No. 2, March 1972.
24 Marg Volume XXV, No. 3, June 1972.
25 Marg Volume XXV, No. 4, September 1972.
26 Marg Volume XXVI, No. 1, December 1972.
27 Marg Volume XXIV, No. 2, March 1971.
28 Marg Volume XXIV, No. 3, June 1971.
29 Marg Volume XXIV, No. 4, September 1971.
30 Marg Volume XXV, No. 1, December 1971.
31 Kapoor's Ready Reckonar (Pay Tables) by K. L. Kapoor and J. L. Kapoor.
32 India Art by Philip Rawson.
33 Journal of the Bombay Natural History Society, Volume 69, No. 2.
34 The Wild Ferns of Madras City and its immediate neighbourhood by M. S. Chandrasekhar.
35 The Bronze Gallery, A guide by V. N. Srinivasa Desikan.

About 35 books were added to the library making the total Volumes 1,401.

APPENDIX F.

Unfortunately Thiru M. Raghupathy, Curator, Government Museum, Pudukkottai, expired on 14th October 1972 and Thiru J. Raja Mohamad, Assistant Curator, Government Museum, Pudukkottai was ordered to act as Curator, Government Museum, Pudukkottai in the place of Thiru M. Raghupathy until regular arrangements were made. Thiru M. Raghupathy, served in this Museum from 1962 onwards. He took up task of improving this Museum bit by bit and spared no pains to make it a success and he worked with true devotion on the Valuable suggestions of the Director of Museums, Madras.

Madras-8,
20th May 1973.

S. T. SATYAMURTI,
Director of Museums, Government Museum.

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GOVERNMENT OF TAMIL NADU
1974

EDUCATION DEPARTMENT

G.O. R. No. 1506, 4th July 1973

Museums—Administration Report of the Government Museums, Madras and Pudukottai, the National Art Gallery and the Connemara Public Library for 1972-73.

READ—the following paper :—

Letter from the Director of Museums, No. 1690/73, dated 29th May 1973.

Order—No. 1506, Education, dated 4th July 1973.

Recorded.

(By order of the Governor)

O. RAMACHANDRA RAO,
Deputy Secretary to Government.

To the Director of Museums, Madras-8.
" Director of School Education, Madras-6.
" Director of Collegiate Education, Madras-6.
" Accountant-General, Madras-18.
" Madras Secretariat Library.
" Revenue Department.
" Director of Stationery and Printing, Madras-1.

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